

IE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application No. 09/690,915

For: METHOD AND APPARATUS

FOR HIGH PERFORMANCE LOW BIT-RATE CODING OF

UNVOICED SPEECH

HUANG

Filed: 10/17/2000 (1)

idental de autab

Group No.

2334

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(c)

RECEIVED

Asst. Commissioner for Patents Washington, D.C. 20231

MAY 1 4 2002

PATENT

Dear Assistant Commissioner:

Technology Center 2600

Applicant submits herewith references of which he is aware in accordance with 37 CFR § 1.56.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, on:

05/02/2002

(Date of Deposit)

Qarola Emelius-Swartz
(Name of the Person Maying Deposit)

(Signature)

05/02/2002

(Date of Signature)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE E				ATTY. DOCKET NO. APPLICATION NO.						
INFORMATION DISCLOSURE				000426			9/690,915 9 00 ROUP 1188			
STATEMENT BY APPLICANT MAY 1 0 2002				APPLICANT 19/690,915				1 1/2		
(Use several sheets if necessary) DATE MAILED: 05/02/2002				HUANG \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				1 是强		
DATEM	A II. C.D.	05/00/0000	FILING DATE GR			ROUP 1				
DATE MA	DATE MAILED: 05/02/2002							B4 2654 \ 8°		
U.S. PATE			ENT DOCUMENTS			_	T -	FILING		
INITIAL	No	DOCUMENT NUMBER	DATE	NAME			CLASS	SUB CLASS	DATE IF	
				<u> </u>					PRIATE	
A · A	A1	2001/0049598 A1	12/06/2001	DAS			_			
A.A	A2	5,734,789	03/31/1998	SWAMINATHA	N et al.					
A.A	А3	6,148,282	11/14/2000	Paksoy et al.						
	A4						REC	EIVE	D	
	A5						MAY	1 4 20	12	
	A6					Tec		/ Center		
	A7							center	2600	
	A8									
:	A9									
	A10									
			FOREIGN F	PATENT DOCU	JMENTS					
EXAMINE INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	DUNTRY NAME		•	CLASS	SUB CLASS	
	181									
	B2			<u> </u>						
	B3									
	B4			-			-			
	B5									
	[55]	OTHER PRIOR A	RT (<i>Includin</i> e	g Author, Title.	Date, Pertinen	nt Pa	ae. Etc	l)		
	C1							· · · · · · · · · · · · · · · · · · ·		
1 1		DAS et al., "MULTIMODE VARIABLE BIT RATE SPEECH CODING: AN EFFICIENT PARADIGM								
77 14		FOR HIGH-QUALITY LOW-RATE REPRESENTATION OF SPEECH SIGNAL," ACOUSTICS,								
SPEECH, AND SIGNAL PROCESSING, 1999. IEEE INTERNATIONAL CONFERENCE IN										
	PHOENIX, AZ, MARCH 15-19, 1999; PISCATAWAY, NJ, MARCH 15 1999, pages 2307 –2310.									
EXAMINER DATE CONSIDERED 2102/02										
EXAMINE	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if									
not in conformance and not considered. Include copy of this form with next communication to applicant.										

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE				ATTY. DOC	APPLICAT	PPLICATION NO.					
INFORMATION DISCLOSURE				000426	09/690,9	15	COPY OF PAPERS				
	STATEMENT BY APPLICANTY O TO S				APPLICANT Q				() () () () () ()		
'	(Use several sheets if necessary)				HUANG \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				\ <u>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </u>		
	MAY 1 0 2002					FILING DATE GR			1 23		
DAT	DATE MAILED: 05/02/2002				10/17/200	2334 2	654				
	PAGEMARD.S. PAT				TENT DOCUM			1 8 w			
	EXAMINER !NITIAL		DCCUMENT NUMBER	DATE	NAME		CLASS SUE		FILING DATE IF		
"""	, annon			5,) OLAGO	CLASS	APPRO-		
_								<u> </u>	PRIATE		
A	-1	A1	2001/0049598 A1	12/06/2001	DAS						
A	A	A2	5,734,789	03/31/1998	SWAMINATHA						
A	-/_	А3	6,148,282	11/14/2000	Paksoy et al.	Paksoy et al.					
	_	-A4									
		A5			RECEIVED						
		A6					V 1 4 200	20			
		A7			7 200						
		A8			Technology Center 2600						
		A9									
		A10									
				FOREIGN F	PATENT DOCU	JMENTS					
	MINE	Ref									
LIN	INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	NAM	ИЕ	CLASS	SUB CLASS		
		B1									
		B2									
	-	B3			<u> </u>						
		B4									
		B5					· · · · · · · · · · · · · · · · · · ·				
			OTHER PRIOR A	RT (Including	g Author, Title,	Date, Pertinei	nt Page, Etc				
C1 DAS et al., "MULTIMODE VARIABLE BIT RATE SPEECH CODING: AN EFFICIENT PARADIG									BADIGM		
_	À										
4	· f	´	FOR HIGH-QUALITY LOW-RATE REPRESENTATION OF SPEECH SIGNAL," ACOUSTICS,								
			SPEECH, AND SIGNAL PROCESSING, 1999. IEEE INTERNATIONAL CONFERENCE IN								
	PHOENIX, AZ, MARCH 15-19, 1999; PISCATAWAY, NJ, MARCH 15 1999, pages 2307 –2310.										
EXAMINER DATE CONSIDERED 7127107											
*EXA	*EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										
LIOUI	not in conformance and not considered. Include copy of this form with next communication to applicant.										